

WHAT IS CLAIMED IS:

1. A head slider including a thin-film magnetic head comprising a magnetoresistive device for reproducing, an inductive electromagnetic transducer for recording, and
5 a heater adapted to generate heat upon energization;

the head slider having a surface provided with a first device electrode pad for energizing the magnetoresistive device, a second device electrode pad for energizing the inductive electromagnetic transducer, and heater electrode
10 pads for energizing the heater;

the heater electrode pads being located on both sides of a group of the first and second device electrode pads.

2. A head gimbal assembly comprising a head slider formed with a thin-film magnetic head, and an arm mounted
15 with the head slider;

the thin-film magnetic head comprising a magnetoresistive device for reproducing, an inductive electromagnetic transducer for recording, and a heater adapted to generate heat upon energization;

20 the head slider having a surface provided with a first device electrode pad for energizing the magnetoresistive device, a second device electrode pad for energizing the inductive electromagnetic transducer, and heater electrode pads for energizing the heater;

25 the heater electrode pads being located on both sides of a group of the first and second device electrode pads.

3. A head gimbal assembly according to claim 2,
wherein respective energizing leads connected to the first
device electrode pad, second device electrode pad, and heater
electrode pads are turned around from the surface provided
with the electrode pads so as to extend toward a base end
side of the arm; and

wherein the leads for the heater electrode pads are
located between the first and second device electrode pads
in a region between the surface provided with the electrode
pads and the base end of the arm.

4. A hard disk drive including a head gimbal
assembly comprising a head slider formed with a thin-film
magnetic head, and an arm mounted with the head slider;

the thin-film magnetic head comprising a
magnetoresistive device for reproducing, an inductive
electromagnetic transducer for recording, and a heater
adapted to generate heat upon energization;

the head slider having a surface provided with a first
device electrode pad for energizing the magnetoresistive
device, a second device electrode pad for energizing the
inductive electromagnetic transducer, and heater electrode
pads for energizing the heater;

the heater electrode pads being located on both sides
of a group of the first and second device electrode pads.

5. A hard disk drive according to claim 4, wherein
respective energizing leads connected to the first device

electrode pad, second device electrode pad, and heater electrode pads are turned around from the surface provided with the electrode pads so as to extend toward a base end side of the arm; and

- 5 wherein the leads for the heater electrode pads are located between the first and second device electrode pads in a region between the surface provided with the electrode pads and the base end of the arm.